

Amendments to the Specification

Amend paragraph [0002] as follows:

[0002] “Method, System and Program Product for Monitoring Rate of Volume Change of Coolant Within A Cooling System,” Chu et al, (~~Docket No. POU920030165US1~~) Serial No. 10/736,947, co-filed herewith filed December 12, 2003, and issued as United States Letters Patent No. 7,000,467 on February 21, 2006; and

Amend paragraph [0003] as follows:

[0003] “Scalable Coolant Conditioning Unit with Integral Plate Head Exchanger/Expansion Tank and Method of Use,” Chu et al., Serial No. 10/243,708, filed September 13, 2002, and issued as United States Letters Patent No. 6,714,412 on March 30, 2004.

Amend paragraph [0043] as follows:

[0043] From condition statement 650, if the rate of volume change of coolant within the expansion tank is greater than the second threshold value $x2$, then a fast leak has been identified and is signaled 679, and processing determines whether the change in volume is less than zero 680, i.e., is the volume measurement at time $t1$ larger than the volume measurement at time $t2$. If so, then leak isolation protocol such as described below in connection with FIGS. 7-9 can be automatically initiated 690, for example, as described in the above incorporated, co-filed patent application. Otherwise, facility chilled water is leaking into the system and corrective action is required 685.

Amend paragraph [0048] as follows:

[0048] Processing then determines whether the value of the supply side pressure P_{s_i} less the value of the return side pressure P_{r_i} for this coolant loop is greater than a defined decay value “S” 955. If “yes”, then processing retains isolation of loop i and sends a signal to power down the associated electronics rack i which is cooled by the leaking coolant loop i 960. The found leak for coolant loop i is logged 965 and the leak counter is incremented by one to signal the identification of one leaking coolant loop 970. Processing then determines whether all coolant loops have been tested 975. If “no”, then the process repeats for the next coolant loop of the system by incrementing the loop counter by one 920.